

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*Pre-Examined  
#58  
10-14-03*

In re Patent Application of

BARRETT et al.

Atty. Ref.: 124-872

Serial No. Unknown

Group:

Filed: July 11, 2001

Examiner:

For: IMPROVED METHOD OF PROCESSING DATA AND DATA PROCESSING  
APPARATUS

\* \* \* \* \*

July 11, 2001

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

PRELIMINARY AMENDMENT

In order to place the above-identified application in better condition for examination,  
please amend the application as follows:

IN THE CLAIMS

Please substitute the following amended claims for corresponding claims previously  
presented. A copy of the amended claims showing current revisions is attached.

3. (Amended) A method according to claim 1 in which the equations comprise linear equations.
4. (Amended) A method according to claim 1 in which the variables correspond to points in an  
image of a surface constructed from an array of data samples from different positions on the  
surface.
5. (Amended) A method according to claim 1 in which each variable allocated to a bounded area  
corresponds to the parameter to be sensed (e.g. surface temperature).

*AM  
cont.*